

STN Search  
10/651668

for protein crystal

=> d his

(FILE 'HOME' ENTERED AT 15:25:38 ON 03 FEB 2006)

FILE 'REGISTRY' ENTERED AT 15:25:51 ON 03 FEB 2006

L1 89 S FARNESYL PYROPHOSPHATE SYNTHETASE

FILE 'CAPLUS' ENTERED AT 15:26:34 ON 03 FEB 2006

L2 28 S L1 AND ?CRYSTAL?

Connecting via Winsock to STN

=> file registry

=> s farnesyl pyrophosphate synthetase

915 FARNESYL  
4664 PYROPHOSPHATE  
25102 SYNTHETASE

L1 89 FARNESYL PYROPHOSPHATE SYNTHETASE  
(FARNESYL(W) PYROPHOSPHATE(W) SYNTHETASE)

=> file caplus

=> s l1 and ?crystal?

525 L1  
1799695 ?CRYSTAL?

L2 28 L1 AND ?CRYSTAL?

=> d l2 1-28

L2 ANSWER 1 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:1245067 CAPLUS

TI Computer-aided analysis and design of phosphonic and phosphinic enzyme inhibitors as potential drugs and agrochemicals

AU Berlicki, Lukasz; Kafarski, Pawel

CS Department of Bioorganic Chemistry, Faculty of Chemistry, Wroclaw University of Technology, Wroclaw, 50-370, Pol.

SO Current Organic Chemistry (2005), 9(18), 1829-1850  
CODEN: CORCFE; ISSN: 1385-2728

PB Bentham Science Publishers Ltd.

DT Journal; General Review

LA English

RE.CNT 165 THERE ARE 165 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:1178062 CAPLUS

DN 143:418026

TI Pseudomonas aeruginosa gene ispA farnesyl diphosphate synthase, its cloning, and biochem. and biophys. characterization useful for drug design

IN Edwards, Aled; Dharamsi, Akil; Vedadi, Masoud; Kimber, Matthew; Vallee, Francois

PA Affinium Pharmaceuticals, Inc., Can.

SO U.S. Pat. Appl. Publ., 154 pp., Cont.-in-part of Appl. PCT/CA03/00714.  
CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005245728	A1	20051103	US 2004-967671	20041018
✓	WO 2003097789	A2	20031127	WO 2003-CA714	20030521

✓  
WO 2003097789 A3 20040205  
PRAI US 2002-382443P P 20020521  
WO 2003-CA714 A2 20030521

L2 ANSWER 3 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:1020555 CAPLUS

DN 143:320266

TI Genes with differential expression profile between human dental pulp stem cells and mesenchymal stem cells and use for regenerating tooth germ

IN Ueda, Minoru; Yamada, Yoichi

PA Hitachi Medical Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 246 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2005253442	A2	20050922	JP 2004-111582	20040309
PRAI	JP 2004-111582		20040309		

L2 ANSWER 4 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:902703 CAPLUS

DN 143:272498

TI Gene expression profiles in the diagnosis and treatment of Alzheimer's disease

IN Landfield, Philip W.; Porter, Nada M.; Chen, Kuey Chu; Geddes, James; Blalock, Eric

PA University of Kentucky Research Foundation, USA

SO PCT Int. Appl., 114 pp

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005076939	A2	20050825	WO 2005-US3668	20050209
PRAI	US 2004-542281P	P	20040209		

L2 ANSWER 5 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:824459 CAPLUS

DN 143:189122

TI Cloning and physical characterization of microbial polypeptides and their use as antimicrobial targets

IN Edwards, Aled

PA Affinium Pharmaceuticals, Inc., Can.

SO U.S. Pat. Appl. Publ., 637 pp., Cont.-in-part of Appl. No. PCT/CA03/00483.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 15

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005181464	A1	20050818	US 2004-953901	20040929
	WO 2003084987	A2	20031016	WO 2003-CA465	20030404
	WO 2003084987	A3	20050428		
	WO 2003087146	A2	20031023	WO 2003-CA482	20030408
	WO 2003087146	A3	20040318		
	WO 2003087145	A2	20031023	WO 2003-CA483	20030408
	WO 2003087145	A3	20040617		
PRAI	US 2002-385611P	P	20020604		
	US 2002-385747P	P	20020604		
	US 2002-385962P	P	20020605		

US 2002-386022P	P	20020605
US 2002-386024P	P	20020605
US 2002-386087P	P	20020605
US 2002-386141P	P	20020605
US 2002-386350P	P	20020605
US 2002-386586P	P	20020605
US 2002-386368P	P	20020606
US 2002-386369P	P	20020606
US 2002-386436P	P	20020606
US 2002-386441P	P	20020606
US 2002-386528P	P	20020606
US 2002-386573P	P	20020606
US 2002-386834P	P	20020606
US 2002-399839P	P	20020731
US 2002-399861P	P	20020731
US 2002-399969P	P	20020731
US 2002-399970P	P	20020731
US 2002-399983P	P	20020731
US 2002-399984P	P	20020731
US 2002-399985P	P	20020731
US 2002-400154P	P	20020801
US 2002-400230P	P	20020801
US 2002-400268P	P	20020801
US 2002-400363P	P	20020801
US 2002-400365P	P	20020801
US 2002-400374P	P	20020801
US 2002-400380P	P	20020801
US 2002-400433P	P	20020801
US 2002-400434P	P	20020801
US 2002-400436P	P	20020801
US 2002-400442P	P	20020801
US 2002-400463P	P	20020801
WO 2003-CA465	A2	20030404
WO 2003-CA482	A2	20030408
WO 2003-CA483	A2	20030408
US 2002-369819P	P	20020404
US 2002-369826P	P	20020404
US 2002-369831P	P	20020404
US 2002-370060P	P	20020404
US 2002-370681P	P	20020408
US 2002-370806P	P	20020408
US 2002-370852P	P	20020408
US 2002-370868P	P	20020408
US 2002-370959P	P	20020409
US 2002-370978P	P	20020409
US 2002-371008P	P	20020409
US 2002-371009P	P	20020409
US 2002-371014P	P	20020409
US 2002-371025P	P	20020409
US 2002-371064P	P	20020409
US 2002-371065P	P	20020409
US 2002-371094P	P	20020409
US 2002-371114P	P	20020409
US 2002-371180P	P	20020409
US 2002-371189P	P	20020409

L2 ANSWER 6 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:490434 CAPLUS

DN 143:39432

TI Gene expression profiling in molecular toxicology modeling using robust multi-array averaging and partial least squares algorithms

IN Diggans, James C.; Elashoff, Michael

PA Gene Logic, Inc., USA

SO PCT Int. Appl., 75 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005052181	A2	20050609	WO 2004-US39593	20041124
	WO 2004048598	A2	20040610	WO 2003-US337556	20031124
	WO 2004048598	A3	20050331		
PRAI	WO 2003-US7556	A	20031124		
	US 2004-554981P	P	20040322		
	US 2004-613831P	P	20040929		
	US 2002-301856	A	20021122		

L2 ANSWER 7 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:384922 CAPLUS

DN 143:1183

TI Molecular interactions of nitrogen-containing bisphosphonates within farnesyl diphosphate synthase

AU Ebetino, Frank H.; Roze, Christian N.; McKenna, Charles E.; Barnett, Bobby L.; Dunford, James E.; Russell, R. Graham G.; Mielsing, Glen E.; Rogers, Michael J.

CS Procter & Gamble Pharmaceuticals, Mason, OH, 45040, USA

SO Journal of Organometallic Chemistry (2005), 690(10), 2679-2687

CODEN: JORCAI; ISSN: 0022-328X

PB Elsevier B.V.

DT Journal

LA English

RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 8 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:1997 CAPLUS

DN 142:111841

TI Gene expression profiles and biomarkers for the detection of depression-related and other disease-related gene transcripts in blood

IN Liew, Choong-Chin

PA Chondrogene Limited, Can.

SO U.S. Pat. Appl. Publ., 154 pp., Cont.-in-part of U.S. Ser. No. 802,875.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 47

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004265868	A1	20041230	US 2004-812702	20040330
	US 2004014059	A1	20040122	US 2002-268730	20021009
	US 2005191637	A1	20050901	US 2004-803737	20040318
	US 2005196762	A1	20050908	US 2004-803759	20040318
	US 2005196763	A1	20050908	US 2004-803857	20040318
	US 2005196764	A1	20050908	US 2004-803858	20040318
	US 2005208505	A1	20050922	US 2004-803648	20040318
	US 2004265869	A1	20041230	US 2004-812716	20040330
	US 2004265868	A1	20041230	US 2004-812702	20040330
	US 2004265868	A1	20041230	US 2004-812702	20040330
PRAI	US 1999-115125P	P	19990106		
	US 2000-477148	B1	20000104		
	US 2002-268730	A2	20021009		
	US 2003-601518	A2	20030620		
	US 2004-802875	A2	20040312		
	US 2004-812702	A	20040330		

L2 ANSWER 9 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2004:777684 CAPLUS  
DN 142:129691  
TI Crystallization and preliminary x-ray diffraction study of the  
farnesyl diphosphate synthase from Trypanosoma brucei  
AU Mao, Junhong; Gao, Yi Gui; Odeh, Sarah; Robinson, Howard; Montalvetti,  
Andrea; Docampo, Roberto; Oldfield, Eric  
CS Department of Chemistry, University of Illinois at Urbana-Champaign,  
Urbana, IL, 61801, USA  
SO Acta Crystallographica, Section D: Biological Crystallography (2004),  
D60(10), 1863-1866  
CODEN: ABCRE6; ISSN: 0907-4449  
PB Blackwell Publishing Ltd.  
DT Journal  
LA English  
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 10 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2004:737063 CAPLUS  
DN 141:390906  
TI Inhibition of Isoprene Biosynthesis Pathway Enzymes by Phosphonates,  
Bisphosphonates, and Diphosphates  
AU Cheng, Feng; Oldfield, Eric  
CS Departments of Chemistry and Biophysics, University of Illinois at  
Urbana-Champaign, Urbana, IL, 61801, USA  
SO Journal of Medicinal Chemistry (2004), 47(21), 5149-5158  
CODEN: JMCMAR; ISSN: 0022-2623  
PB American Chemical Society  
DT Journal  
LA English  
RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 11 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2004:730574 CAPLUS  
DN 142:48540  
TI Early gene expression in the organ of Corti exposed to gentamicin  
AU Nagy, Ivana; Bodmer, Morana; Brors, Dominik; Bodmer, Daniel  
CS Clinic for Otolaryngology, Head & Neck Surgery, University Hospital  
Zurich, Zurich, 8091, Switz.  
SO Hearing Research (2004), 195(1-2), 1-8  
CODEN: HERED3; ISSN: 0378-5955  
PB Elsevier B.V.  
DT Journal  
LA English  
RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 12 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2004:167437 CAPLUS  
DN 140:368092  
TI Structural Basis for Bisphosphonate-mediated Inhibition of Isoprenoid  
Biosynthesis  
AU Hosfield, David J.; Zhang, Yanming; Dougan, Douglas R.; Broun, Alexei;  
Tari, Leslie W.; Swanson, Ronald V.; Finn, John  
CS Syrrx Inc., San Diego, CA, 92121, USA  
SO Journal of Biological Chemistry (2004), 279(10), 8526-8529  
CODEN: JBCHA3; ISSN: 0021-9258  
PB American Society for Biochemistry and Molecular Biology  
DT Journal  
LA English  
RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD

## ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 13 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:931464 CAPLUS

DN 140:2343

TI Cloning and physical characterization of farnesyl diphosphate synthase from *Pseudomonas aeruginosa* and its use as a antimicrobial target

IN Edwards, Aled; Dharamsi, Akil; Vedadi, Masoud; Mansoury, Kamran; Houston, Simon; Vallee, Francois; Kimber, Matthew

PA Affinium Pharmaceuticals, Inc., Can.

SO PCT Int. Appl., 240 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003097789	A2	20031127	WO 2003-CA714	20030521
	WO 2003097789	A3	20040205		
	US 2005245728	A1	20051103	US 2004-967671	20041018
PRAI	US 2002-382443P	P	20020521		
	WO 2003-CA714	A2	20030521		

Same one  
as above

L2 ANSWER 14 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:837126 CAPLUS

DN 139:319350

TI Cloning and physical characterization of microbial polypeptides involved in cellular transport and metabolism and their use as antimicrobial targets

IN Edwards, Aled; Dharamsi, Akil; Vedadi, Masoud; Li, Qin; Nethery, Kathleen; McDonald, Merry-lynn; Vallee, Francois; Awrey, Donald; Beattie, Bryan; Domagala, Megan; Mansoury, Kamran; Alam, Muhammad Zahoor; Ng, Ivy; Ouyang, Hui

PA Affinium Pharmaceuticals, Inc., Can.; et al.

SO PCT Int. Appl., 204 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 15

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI ✓	WO 2003087146	A2	20031023	WO 2003-CA482	20030408
	WO 2003087146	A3	20040318		
	US 2005181464	A1	20050818	US 2004-953901	20040929
PRAI	US 2002-370868P	P	20020408		
	US 2002-370959P	P	20020409		
	US 2002-371025P	P	20020409		
	US 2002-371065P	P	20020409		
	US 2002-371094P	P	20020409		
	US 2002-385611P	P	20020604		
	US 2002-385747P	P	20020604		
	US 2002-385962P	P	20020605		
	US 2002-386022P	P	20020605		
	US 2002-386024P	P	20020605		
	US 2002-386087P	P	20020605		
	US 2002-386141P	P	20020605		
	US 2002-386350P	P	20020605		
	US 2002-386586P	P	20020605		
	US 2002-386368P	P	20020606		
	US 2002-386369P	P	20020606		
	US 2002-386436P	P	20020606		
	US 2002-386441P	P	20020606		
	US 2002-386528P	P	20020606		

✓

US 2002-386573P	P	20020606
US 2002-386834P	P	20020606
US 2002-399839P	P	20020731
US 2002-399861P	P	20020731
US 2002-399969P	P	20020731
US 2002-399970P	P	20020731
US 2002-399983P	P	20020731
US 2002-399984P	P	20020731
US 2002-399985P	P	20020731
US 2002-400154P	P	20020801
US 2002-400230P	P	20020801
US 2002-400268P	P	20020801
US 2002-400363P	P	20020801
US 2002-400365P	P	20020801
US 2002-400374P	P	20020801
US 2002-400380P	P	20020801
US 2002-400433P	P	20020801
US 2002-400434P	P	20020801
US 2002-400436P	P	20020801
US 2002-400442P	P	20020801
US 2002-400463P	P	20020801
WO 2003-CA465	A2	20030404
WO 2003-CA482	A2	20030408
WO 2003-CA483	A2	20030408

L2 ANSWER 15 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:829800 CAPLUS

DN 140:22647

TI 3-D QSAR Investigations of the Inhibition of Leishmania major Farnesyl  
Pyrophosphate Synthase by Bisphosphonates

AU Sanders, John M.; Gomez, Aurora Ortiz; Mao, Junhong; Meints, Gary A.; Van  
Brussel, Erin M.; Burzynska, Agnieszka; Kafarski, Pawel;  
Gonzalez-Pacanowska, Dolores; Oldfield, Eric

CS Department of Chemistry, University of Illinois at Urbana-Champaign,  
Urbana, IL, 61801, USA

SO Journal of Medicinal Chemistry (2003), 46(24), 5171-5183

CODEN: JMCMAR; ISSN: 0022-2623

PB American Chemical Society

DT Journal

LA English

RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 16 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:409169 CAPLUS

DN 138:380506

TI Genes that are differentially expressed during erythropoiesis and their  
diagnostic and therapeutic uses

IN Brissette, William H.; Neote, Kuldeep S.; Zagouras, Panayiotis; Zenke,  
Martin; Lemke, Britt; Hacker, Christine

PA Pfizer Products Inc., USA; Max-Delbrueck-Centrum Fuer Molekulare Medizin

SO PCT Int. Appl., 285 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2003038130	A2	20030508	WO 2002-XA34888	20021031
	WO 2003038130	A2	20030508	WO 2002-US34888	20021031
	WO 2003038130	A3	20040212		
	WO 2003038130	C1	20040422		
PRAI	US 2001-335048P	P	20011031		

US 2001-335183P.. P 20011102  
WO 2002-US34888 A 20021031

L2 ANSWER 17 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2003:246616 CAPLUS  
DN 138:381183  
TI Molecular analysis of cis-prenyl chain elongating enzymes  
AU Kharel, Yugesh; Koyama, Tanetoshi  
CS Institute for Multidisciplinary Research for Advanced Materials, Tohoku  
University, Sendai, 980-8577, Japan  
SO Natural Product Reports (2003), 20(1), 111-118  
CODEN: NPRRDF; ISSN: 0265-0568  
PB Royal Society of Chemistry  
DT Journal; General Review  
LA English  
RE.CNT 69 THERE ARE 69 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 18 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2003:130647 CAPLUS  
DN 138:167395  
TI Genes down-regulated in the spinal cord in response to pain and their use  
in screening for analgesics  
IN Brooksbank, Robert Alan; Dixon, Alistair Kerr; Lee, Kevin; Pinnock, Robert  
Denham  
PA Warner-Lambert Company, USA  
SO Eur. Pat. Appl., 188 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1284298	A2	20030219	EP 2002-255229	20020726
	EP 1284298	A3	20040526		
	GB 2377940	A1	20030129	GB 2001-18354	20010727
	US 2004058326	A1	20040325	US 2002-205331	20020724
	CA 2391112	AA	20030127	CA 2002-2391112	20020725
	JP 2003156488	A2	20030530	JP 2002-219631	20020729
PRAI	GB 2001-18354	A	20010727		
	GB 2002-2883	A	20020207		

L2 ANSWER 19 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2002:434326 CAPLUS  
DN 137:163321  
TI An Investigation of Bone Resorption and Dictyostelium discoideum Growth  
Inhibition by Bisphosphonate Drugs  
AU Szabo, Christina M.; Martin, Michael B.; Oldfield, Eric  
CS Department of Chemistry, University of Illinois at Urbana-Champaign,  
Urbana, IL, 61801, USA  
SO Journal of Medicinal Chemistry (2002), 45(14), 2894-2903  
CODEN: JMCMAR; ISSN: 0022-2623  
PB American Chemical Society  
DT Journal  
LA English  
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 20 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2002:285562 CAPLUS  
DN 137:61578  
TI Expressed gene sets as markers for specific tumors  
IN Ramaswamy, Sridhar; Golub, Todd B.; Tamayo, Pablo; Angelo, Michael



PA Whitehead Institute for Biomedical Research, USA; Dana-Farber Cancer  
Institute, Inc.

SO PCT Int. Appl., 715 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002024956	A2	20020328	WO 2001-XB29287	20010919
	WO 2002024956	A2	20020328	WO 2001-US29287	20010919
	WO 2002024956	C1	20030306		
	WO 2002024956	A3	20030626		
PRAI	US 2000-233534P	P	20000919		
	US 2001-278749P	P	20010326		
	WO 2001-US29287	W	20010919		

L2 ANSWER 21 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2001:676999 CAPLUS

DN 135:252790

TI Single nucleotide polymorphisms in human genes

IN Cargill, Michele; Ireland, James S.; Lander, Eric S.

PA Whitehead Institute for Biomedical Research, USA

SO PCT Int. Appl., 145 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001066800	A2	20010913	WO 2001-US7268	20010307
	WO 2001066800	A3	20030605		
	US 2002032319	A1	20020314	US 2001-801274	20010307
PRAI	US 2000-187510P	P	20000307		
	US 2000-206129P	P	20000522		

L2 ANSWER 22 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2000:589812 CAPLUS

DN 133:219247

TI Overexpression, purification, and characterization of selenomethionyl  
farnesyl diphosphate synthase of Bacillus stearothermophilus

AU Zhang, Y.-W.; Kharel, Y.; Koyama, T.

CS Aoba ku, Katahira 2-1-1, Institute for Chemical Reaction Science, Tohoku  
University, Sendai, 980-8577, Japan

SO Journal of Molecular Catalysis B: Enzymatic (2000), 10(6), 623-630

CODEN: JMCEF8; ISSN: 1381-1177

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 23 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1998:109946 CAPLUS

DN 128:254100

TI Chain elongation in the isoprenoid biosynthetic pathway

AU Kellogg, Brenda A.; Poulter, C. Dale

CS Department of Chemistry, University of Utah, Salt Lake City, UT, 84112,  
USA

SO Current Opinion in Chemical Biology (1997), 1(4), 570-578

CODEN: COCBF4; ISSN: 1367-5931

PB Current Biology Ltd.

DT Journal; General Review

LA English

RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 24 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1997:170512 CAPLUS

DN 126:183141

TI Crystal structure of recombinant avian wild type and mutant farnesyl diphosphate synthase and the binding modes of substrates and inhibitor compounds (prenyltransferases)

AU Tarshis, Larry

CS Yeshiva Univ., New York, NY, USA

SO (1996) 486 pp. Avail.: Univ. Microfilms Int., Order No. DA9705286

From: Diss. Abstr. Int., B 1997, 57(9), 5632

DT Dissertation

LA English

L2 ANSWER 25 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1996:758869 CAPLUS

DN 126:73797

TI Carbon-carbon bond forming reactions by enzymes and their application to organic synthesis

AU Ogura, Kyoze

CS Inst. Chem. React. Sci., Tohoku Univ., Sendai, 980-77, Japan

SO Yuki Gosei Kagaku Kyokaiishi (1996), 54(12), 1034-1044

CODEN: YGKKA; ISSN: 0037-9980

PB Yuki Gosei Kagaku Kyokai

DT Journal; General Review

LA Japanese

L2 ANSWER 26 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1995:185628 CAPLUS

DN 123:4080

TI Thermostable farnesyl diphosphate synthase of Bacillus stearothermophilus: Crystallization and site-directed mutagenesis

AU Koyama, Tanetoshi; Obata, Shusei; Osabe, Masami; Saito, Kazuhiro; Takeshita, Ayumi; Nishino, Tokuzo; Ogura, Kyoze

CS Institute Chemical Reaction Science, Tohoku University, Sendai, 980, Japan

SO Acta Biochimica Polonica (1994), 41(3), 281-92

CODEN: ABPLAF; ISSN: 0001-527X

PB Polish Biochemical Society

DT Journal

LA English

L2 ANSWER 27 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1994:552121 CAPLUS

DN 121:152121

TI Crystal Structure of Recombinant Farnesyl Diphosphate Synthase at 2.6-ANG. Resolution

AU Tarshis, L. C.; Yan, Mujing; Poulter, C. Dale; Sacchettini, James C.

CS Department of Biochemistry, Albert Einstein College of Medicine, Bronx, NY, 10461, USA

SO Biochemistry (1994), 33(36), 10871-7

CODEN: BICHAW; ISSN: 0006-2960

DT Journal

LA English —

L2 ANSWER 28 OF 28 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1994:3512 CAPLUS

DN 120:3512

TI Crystallization and preliminary x-ray diffraction studies of Bacillus stearothermophilus farnesyl diphosphate synthase expressed in Escherichia coli

AU Nakane, Hiroyuki; Koyama, Tanetoshi; Obata, Shusei; Osabe, Masami;  
Takeshita, Ayumi; Nishino, Tokuzo; Ogura, Kyoze; Miki, Kunio  
CS Res. Lab. Resour. Util., Tokyo Inst. Technol., Yokohama, 227, Japan  
SO Journal of Molecular Biology (1993), 233(4), 787-8  
CODEN: JMOBAK; ISSN: 0022-2836  
DT Journal  
LA English